

ABSTRACT

A wireless communication station comprises a base station, a sub base station and a plurality of user equipments. The base station transmits a downlink communication and receives a combined uplink communication from the sub base station. The sub base station receives the downlink communication from the base station. The sub base station transmits the downlink communication to a plurality of user equipments. The sub base station receives uplink communications from the plurality of user equipments. The sub base station combines the received uplink communications as the combined uplink communication and transmits it to the base station. The plurality of user equipments receive downlink communications from the sub base station and transmits uplink communications to the sub base station.